

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IFW

In re application of

Khader S. Abdel-Hafez et al

Application No. 10/691,966

Group Art Unit 2858

Filed: October 24, 2003

For: Method and Apparatus for Testing Asynchronous Set/Reset Faults in a Scan-Baed Integrated Circuit

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

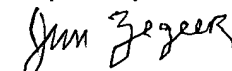
- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first Office action on the merits; whichever occurs last.)
- ☐ under 37 CFR 1.97(c) together with either a:
- ☐ Certification under 37 CFR 1.97(e), or
  - ☐ a \$180.00 fee under 37 CFR 1.17(p), or
- (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first.)
- ☐ under 37 CFR 1.97(d) together with either a:
- ☐ Certification under 37 CFR 1.97(e), and
  - ☐ a petition under 37 CFR 1.97(d)(2)(ii), and
  - ☐ a \$130.00 petition fee set forth in 37 CFR §117(i)(1).
- (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee.)

Applicant(s) submits herewith Form PTO 1449-Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) is aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which applicant(s) is aware.

Applicant(s) submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,



Jim Zegeer, Reg. No. 18,957

Attorney for Applicant(s)

Attachments:

Form PTO-1449 and cited references (2)

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Date: August 19, 2004

In the event this paper is deemed not timely filed, the applicant hereby petitions for an appropriate extension of time. The fee for this extension may be charged to Deposit Account No. 26-0090 along with any other additional fees which may be required with respect to this paper.

FORM PTO-1449  
(MODIFIED)U.S. Department of Commerce  
Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

3359-Z

10/691,966

APPLICANT

Khader S. Abdel-Hafez et al

FILING DATE

October 24, 2003

GROUP

2858

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)



## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE    | NAME    | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|---------|---------|-------|----------|-------------------------------|
|                     | 4,503,537       | 03/1985 | McAnney | 371   | 25       |                               |
|                     | 6,327,687       | 12/2001 | Rajski  | 714   | 738      |                               |
|                     |                 |         |         |       |          |                               |
|                     |                 |         |         |       |          |                               |
|                     |                 |         |         |       |          |                               |
|                     |                 |         |         |       |          |                               |
|                     |                 |         |         |       |          |                               |
|                     |                 |         |         |       |          |                               |
|                     |                 |         |         |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|-----------------|------|---------|-------|----------|-------------|----|
|  |                 |      |         |       |          | YES         | NO |
|  |                 |      |         |       |          |             |    |
|  |                 |      |         |       |          |             |    |
|  |                 |      |         |       |          |             |    |
|  |                 |      |         |       |          |             |    |
|  |                 |      |         |       |          |             |    |
|  |                 |      |         |       |          |             |    |
|  |                 |      |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |   |
|--|---|
|  | B. Koenemann, "LFSR-Coded Test Patterns for Scan Designs", Proc., European Test Conf., pp. 237-242, 1991. |
|  | /COPY UNAVAILABLE/  |
|  |   |
|  |   |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.